

Home Education Program for Seyed-Mortaza Elahi (2nd grade)

1- The targeted subjects, the topics within each subject, the number of hours per week spent on each subject, and the resources to be used are listed in the following table.

Subject	Weekly Hours	Resources
English Language Arts (ELA) <ul style="list-style-type: none"> Phonics Spelling Vocabulary Reading Reading comprehension Different types of sentences Different types of words Present and past tense Writing Cursive hand-writing 	8	Workbooks: <ul style="list-style-type: none"> Big Second Grade (Pub: School Zone) Brain Quest Workbook, 2nd Grade (Pub: Workman) Success with Reading Comprehension, Grade 2 (Pub: Scholastic) Books for reading hours (just a few examples): <ul style="list-style-type: none"> Little kids first big book of why 2, Why not, Little spot of emotion series (8 books), ...
Social Studies <ul style="list-style-type: none"> Time and Calendar Money Maps Directions Famous Holidays Famous Americans 	1	Workbooks: <ul style="list-style-type: none"> Big Second Grade (Pub: School Zone) Brain Quest Workbook, 2nd Grade (Pub: Workman)
Mathematics <ul style="list-style-type: none"> Place values Count by threes, fives, ... Adding multi-digit numbers Subtracting multi-digit numbers Multiplication table Intro to fractions Shapes and Measurements 	5	Life of Fred Book Series, by Stanley F. Schmidt Workbooks: <ul style="list-style-type: none"> Big Second Grade (Pub: School Zone) Brain Quest Workbook, 2nd Grade (Pub: Workman)
Science <ul style="list-style-type: none"> Life Earth Space Physics 	7	Workbooks: <ul style="list-style-type: none"> Big Second Grade (Pub: School Zone) Brain Quest Workbook, 2nd Grade (Pub: Workman) YouTube Channels: <ul style="list-style-type: none"> Ted Ed Brightside SciShow Periodic Video ...
Physical Education	5	Outdoor Physical Activities <ul style="list-style-type: none"> Registered in Braintree Youth Soccer Playing soccer, Hiking, ... Indoor workout using YouTube videos
Art <ul style="list-style-type: none"> Drawing Crafts 	4	<ul style="list-style-type: none"> Private tutor for drawing Practicing each skill based on Mortaza's interests or ideas inspired by other resources like YouTube videos: SLICK SLIME SAM; HooplaKidz Doodle; First Grade Singalong
Second Language: Farsi	2	Private tutor
Total	32	

2- The following table shows, for each major subject, our emphasis during the first and second half of the academic year.

Subject	First Half (September-January)	Second Half (February-June)
English Language Arts	Phonics Vocabulary Spelling Reading Comprehension Different Types of Words: <ul style="list-style-type: none"> • Nouns • Verbs • Adjectives Nouns: <ul style="list-style-type: none"> • Abbreviations • Proper Nouns • Singular and Plural Poems Present and Past Tense Verbs Pronouns Synonyms, Antonyms, and Homophones Contraction Forms	Vocabulary Spelling Reading Comprehension Writing Exercises Question Words Different Types of Sentence: <ul style="list-style-type: none"> • Statements • Questions • Exclamations • Commands Parts of a Sentence: <ul style="list-style-type: none"> • Naming Part • Telling Part Cursive Hand-Writing
Social Studies	Time <ul style="list-style-type: none"> ○ Telling Time: Hours and Minutes ○ Half-hours and Quarters ○ Time Length Money <ul style="list-style-type: none"> ○ Coins ○ Paper Bills Maps <ul style="list-style-type: none"> ○ States and Capitals ○ World Map 	Calendar <ul style="list-style-type: none"> ○ Days, Weeks, Month Directions <ul style="list-style-type: none"> ○ Giving and Following Directions Famous Holidays <ul style="list-style-type: none"> ○ Martin Luther King Jr. Day ○ Independence Day ○ Thanksgiving Day Famous American
Mathematics	Mathematics <ul style="list-style-type: none"> ○ Place values ○ Count by threes, fives, ... ○ Adding multi-digit numbers ○ Subtracting multi-digit numbers 	Mathematics <ul style="list-style-type: none"> ○ Multiplication table ○ Intro to fractions ○ Shapes and Measurements
Science	<ul style="list-style-type: none"> ○ Categories ○ Water Cycle ○ Liquid, Gas, Solid ○ Photosynthesis ○ Light Spectrum and Rainbow ○ Life Cycle ○ Land and Sea Mammals ○ Animals with Shell 	<ul style="list-style-type: none"> ○ Weather Around You <ul style="list-style-type: none"> ○ Temperature ○ Wind ○ Moisture ○ Pressure ○ Clouds ○ Weather Events ○ Solar System

3- The following shows the lesson plan for a typical day:

English Language Arts 2 hours

- Reading Hours
 - Reading 10 pages of “Little kids first big book of why 2”
- One page of the workbook (Big Second Grade)
 - Synonyms
- One page of the workbook (Brain Quest Workbook, 2nd Grade)
 - Present and Past Tense Verb
- Learning to read and write a new Frequency Word: “have”

Snack Break

Social Studies: 0.5 hours

- Learning about States and Capitals

Mathematics: 1 hour

- Practicing Multiplication Table
- Reading and Practicing Math with the “Life of Fred”

Lunch Break

Science: 0.5 hours

- Reading about Water Cycle

Physical Education: 0.5 hours

- Playing Soccer Outdoor

4- Academic Background and Qualifications of the Instructor

My name is Seyed-Ehsan Elahi and I am Seyed-Mortaza’s father. I work at the University of Massachusetts, Boston. Below are my education and academic backgrounds. For more details please see these links:

https://www.umb.edu/faculty_staff/bio/ehsan_elahi

http://works.bepress.com/ehsan_elahi/

Academic Positions

Director of the PhD Program in Information Systems for Data Science (2018-present)

Associate Professor of Management Science (2013- present)

Assistant Professor of Management Science (2007- 2013)

College of Management, University of Massachusetts, Boston

Education

Ph.D., Industrial and Systems Engineering, University of Minnesota, MN (2007)

M.B.A., Industrial Management Institute, Tehran, Iran (2000)

M.S., Mechanical Engineering, Sharif University of Technology, Tehran, Iran (1991)

5- Method of Assessment

We plan to use the Stanford-10 Achievement Test (grade 2) at the end of the school year to gauge Seyed-Mortaza's progress during the academic year.

6- Improving the teaching plan and assessment method

This document presents a baseline for my plans to teach my son during this academic year. I will also keep studying to find potential ways of improving this curriculum using different resources, including the ones mentioned in this book:

- 102 Top Picks for Homeschool Curriculum, written by: Cathy Duffy

7- Hours of Instruction

Please see the table on the first page.